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PATENT

Case Docket No. BPINC.001A  
Date: July 7, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Iles, et al.  
Appl. No. : 10/728,103  
Filed : December 4, 2003  
For : HIGH EFFICIENCY,  
MONOLITHIC  
MULTIJUNCTION SOLAR  
CELLS CONTAINING  
LATTICE MISMATCHED  
MATERIALS AND METHODS  
OF FORMING SAME  
Examiner : Binh X. Tran  
Group Art Unit : 1765

I hereby certify that this correspondence and all  
marked attachments are being deposited with the  
United States Postal Service as first class mail in  
an envelope addressed to: Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-  
1450, on

7/7/04  
Mark J. Gallagher  
(Date)  
Mark J. Gallagher, Reg. No. 43,622

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seven (7) references.
- (X) Copy of the International Search Report.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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**INFORMATION DISCLOSURE STATEMENT**

Applicant : Iles, et al.  
App. No. : 10/728,103  
Filed : December 4, 2003  
For : HIGH EFFICIENCY, MONOLITHIC  
MULTIJUNCTION SOLAR CELLS  
CONTAINING LATTICE-MISMATCHED  
MATERIALS AND METHODS OF  
FORMING SAME  
Examiner : Binh X. Tran  
Group Art Unit : 1765

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seven (7) references that are also enclosed. These seven references were cited by the International Search Authority in the International Search Report for the corresponding International Patent Application PCT/US03/38565. A copy of the international search report is also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 7/7/04

By:   
Mark J. Gallagher  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. BPINC.001A	APPLICATION NO. 10/728,103
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Iles, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 4, 2003	GROUP 1765

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	3,907,595	09/23/75	Lindmayer			
	6,278,054	08/21/01	Ho, et al.			
	6,316,715	11/13/01	King, et al.			
	6,340,788	01/22/02	King, et al.			
	2001/0018924	09/06/01	Hisamatsu, et al.			
	2002/0117675	08/29/02	Mascarenhas			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Zahler, et al., <i>Wafer Bonding and Layer Transfer Processes for 4-Junction High Efficiency Solar Cells</i> , In: Conference Record of the 29 <sup>th</sup> IEEE Photovoltaic Specialists Conference, IEEE, New York, May 19-24, 2002, pp. 1039-1042

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070604

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	